

E. P. REICHHELM, *President,*
Engineer and Gen. Manager.

GEORGE MACHLET, *Vice-President,*
Factory Superintendent.

ROBERT VOM CLEFF,
Treasurer.

F. DIEFFENBACH,
Secretary.

AMERICAN GAS FURNACE COMPANY,

PATENTEES AND MANUFACTURERS OF

The "AMERICAN" Oil Gas Machine,
Gas Blast Furnaces, Heating Apparatus,
High Pressure Blowers, &c.
Specialty: COMPLETE FUEL GAS PLANTS

For all Manufacturing Purposes.

FACTORY:

LAFAYETTE, SPRING & ELIZABETH STS.,
ELIZABETH, N. J.

ADDRESS:

80 NASSAU STREET,

New York, June 22nd., 1895.

Major Herman Kretz,
Supt. U.S.Mint,
Philadelphia, Pa.

Dear Sir:

In reply to your favor #773 to repair one of our #3 blowers and to send directions for their repair, we beg leave to say that the blower should have been sent to our factory at Elizabeth, N.J. instead of our N.Y. office as was done, and we shall have to include the expressage which amounts to \$3.80 to New York, as well as the transportation back to Elizabeth, N.J. where it should have been sent.

We enclose herewith pamphlet on blower containing a description of its construction on page 5, which the mechanic to whom future repairs are to be entrusted should make himself thoroughly familiar. There are only two points in the blower that are likely to be renewed at any time which are

1st. The sliding guide blocks G. may slightly wear, and can be replaced easily by a man who has made himself familiar with the construction of the blower. In that case ~~the head of~~ the blower is disconnected, laid on its side and one of the heads taken off. The fan blades are then easily drawn out and new guide blocks are placed in the annular groove, and the fans replaced. These guide blocks will be sent on application from the factory. Care must be taken in replacing the head of the blower to put it in exactly the same position from which it was removed. By reference to guide pins which will be found on the upper part of the case opposite one another. These guide pins are so well known that no mechanic can fail to appreciate what they are there for. In screwing on the heads of the blower the bolts should be tightened tightly all round, not tightened on one side and left loose on the other, but it should be drawn down together.

Major Herman Krets-2-

2nd. If the blower commences to thump a little this can be remedied by scraping off the outer ends of the fan blades, and this is done preferably by a sharp piece of glass.

Hoping that this explanation will obviate the necessity of returning the blowers to our shop for repairs, we remain,

Very truly yours,

Dis. E.P.R.

American Gas Furnace Co.

E. P. Reichel
Pms

P.S. We sent a man recently to repair the blower erected in the annealing department. There the man found that an attempt had been made to repair this, which had proved a failure, principally because the head was replaced in a very unworkmanlike manner by a total disregard of the guide pins, which no mechanic can miss if he only carefully looks for them. The head of the blower was screwed down unevenly. Had these two points been observed by the man who evidently hurriedly went to work at this job, he would have made a success of it instead of the failure which necessitated the sending of one of our men.

Very truly and respectfully yours

Dis. E.P.R.

American Gas Furnace Co.

E. P. Reichel
Pms

NARA RG104, Entry 1, Box 190

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